

Sputtering System - Simard Operating Mode

Current Setup of the Filament - Anode Power Supplies

<u>Gun</u>	<u>Auto-Emission</u>		<u>Implies Plasma Voltage</u>	<u>Fil - Anode Supply Simard Type</u>
	<u>Status</u>	<u>Setting</u>		
A	ON	3.9	40 V	PD-250
B	ON	2.8	29 V	PD-200
C	ON	4.2	43 V	PD-200
D	---	---	---	PD-20

Function of the Various 10 Turn Pots and Switches When In Auto-Emission MSU Remote Control Mode

Remote Control Box "V" 10 t Pot: Sets the Target Voltage

Target PS "Voltage Control" 10 t Pot: No Function - Set to Zero

Remote Control Box "A" 10 t Pot: Sets the Anode (Plasma) Current

Fil-Anode PS "Emitter Current" 10 t Pot: Sets Upper Limit of Filament Current

Fil-Anode PS "Plasma Current" 10 t Pot: No Function - Set to Zero

Fil-Anode PS "Auto Emission" RP 10 t Pot: Sets the Anode (Plasma) Voltage

Fil-Anode PS "Local Remote" RP Switch: Set to Remote (MSU Remote)

Fil-Anode PS "Off Rmt On / Int On" RP Switch: Set to Internal ON